

Complete and send this form together with

applicable fee(s), to: Mail

Mail Stop ISSU, EE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All future correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590

09/01/2005

Grossman, Tucker, Perreault & Pfleger, PLLC  
55 South Commercial Street  
Manchester, NH 03101

12/01/2005 SFELEKE2 00000089 10748596

01 FC:1501 1400.00 OP  
02 FC:1504 300.00 OP

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSU FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Jennifer L. Hobbs (Depositor's name)  
Jennifer Hobbs (Signature)  
November 30, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/748,596	12/30/2003	Franklin W. Kerfoot III	1003C1	8229

TITLE OF INVENTION: OPTICAL FIBER TRANSMISSION SYSTEM WITH NOISE LOADED IDLER CHANNELS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/01/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
SEDIGHIAN, REZA	2633	398-085000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Grossman, Tucker,  
2. Perreault & Pfleger, PLLC  
3.

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Tyco Telecommunications (US) Inc. Morristown, NJ

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 30-2121 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date

Typed or printed name

Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



2005 15:05 FAX

001



**GROSSMAN,TUCKER  
PERREAULT&PFLEGER,PLLC**

Steven J. Grossman Ph.D. (NH)  
Teresa C. Tucker (NH)  
Donald J. Perreault (NH, MA)  
Edmund P. Pfleger (AZ)  
Scott R. Faber (PA)  
Kevin J. Carroll (NH, MA)  
Jeffrey T. Placker (MA)

55 South Commercial St  
Manchester NH 03101  
U S A  
Voice: 603-668-6560  
Telefax: 603-668-2970  
Web: GTPP.com

Technical Specialist  
Richard Rhodes

**FACSIMILE TRANSMITTAL SHEET**

**DELIVER THE FOLLOWING PAGES TO:**

**NAME: Mail Stop Issue Fee**

**DATE: November 30, 2005**

**FIRM: USPTO - Issue Fee**

**FROM: Donald J. Perreault**

**PHONE NO:**

**OUR REF: TCM146CON**

**FAX NO: 1-571-273-2885**

**YOUR REF: Serial No. 10/748,596**

**NUMBER OF PAGES INCLUDING COVER SHEET: 3**

**[X] This will be the only form of delivery of transmitted document.**

**ATTACHED IS THE FOLLOWING:**

- 1) Cover Sheet (1 pg)
- 2) Credit Card Payment Form for \$1,700.00
- 3) Issue Fee Transmittal - Form PTOL-85 with Certificate of Facsimile dated November 30, 2005 (1 pg)

**CONFIDENTIALITY NOTICE**

This facsimile is intended ONLY for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential and exempt from disclosure under applicable law. If the reader of this information is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any disclosure, copying, distribution, destruction or taking any action on the contents of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original facsimile to us at the above address via the U.S. postal service. Thank you.